GEORGE and THOMAS EARLE, CEMENT MANUFACTURERS, HULL.
Light and Dark cements by any made.
Also, Manufacturers of PLASTER, MASTIC, Importers of MARBLE and PORTLAND.
Dealers in Slates, Slabs, Hair, Whiting, &c.

PARIAN CEMENT for internal use, to be PAINTED IN A FEW HOURS AND PAPERED WITHIN A COUPLE OF DAYS.—CHARLES FRANCIS and SONS, Patentees, Nine Elms, London.

MEDINA (ROMAN) CEMENT.—The material of which this cement is made is obtained in the Isle of Wight. It has all the properties of the Sheppy Stone, but is much better adapted to engineering works, from the rapidity with which it sets and hardens under water. It has been long used at the great Breakwater at Cherbourg; in a similar work at Alderney; and at Inner New Pier, to unite the masonry. The foundation of the centre pier of the Tubular Bridge at Menai Straits was set in Medina cement. A new groyne at Sandown Bay, Isle of Wight, has been constructed of no other material but this cement and sea sands. The work extends 300 feet into the sea, and is exposed to the most violent seas of the Channel, in a position where every former construction had been repeatedly washed away. The innoxiousness of the varied qualities of Roman Cement are superseded by the use of this improved manufacture.
CHAS. FRANCIS and SONS, Nine Elms, London; or West Medina Mill, Newport, Isle of Wight.
Agent for Southampton, R. L. FLUDER, American Wharf.

PERMANENT STUCCO WASH, WITHOUT SIZE OR OTHER CORRUPTIBLE INGREDIENT.
As used at St. George's Hospital, Hyde Park Corner.
JOHNS and CO. having effected some important improvements in the manufacture of this very useful material, confidently offer it to the notice of the Trade and the Public generally, as possessing every advantage over the common Lime Wash or Water Colour for STUCCO or BRICK WORK. It is a Stone Colour, but may be tinted to any other—DOES NOT WASH OFF—is perfectly dry in twenty-four hours, and, being a non-absorbent, is admirably adapted for Railway Stations, Union Workhouses, Barracks, Schools, Prisons, &c. One coat will cover 50 square yards. It will last good for years, and MAY BE EXPORTED WITH PERFECT SAFETY.
JOHNS and CO.'S STUCCO CEMENT.—This cement, from the great reduction in price, and its suitableness for internal as well as external surfaces, places it above all other materials of its kind; it is no caustic qualities; may be painted or papered in a few days; never blisters, cracks, or vegetates; soon becomes as hard as stone; and may be cleaned with a brush and water.
The merits of the PAINT are well known for its application to stone work of all kinds, and external work generally. Numerous testimonials, prospectuses, and every information may be obtained, on application to the Sole Agents, PHILIP HARE and Co. at the Warehouse, 33, Steel-yard, Upper Thames-street. A liberal allowance to wholesale dealers.

GREAVES'S BLUE LIAS LIME.—The superior manner in which the above is ground renders it cheaper for mortar or stucco than any other lime or cement. The shell lime for mortar is burnt on an improved principle, leaving scarcely any core. The satisfaction constantly expressed by Engineers, Architects, and Contractors, of the above, is its best recommendation.
Gobin, Canning, and Co's Blue Vitrified Bricks, Pipes, Junctions, Bends, and Fire Goods.
ROMAN, PORTLAND, PARIAN, ANSTON, and LIAS CEMENTS of the best quality.
SECONDS, PAVIORS, STOCKS, and other Bricks.
CHARLES RICHARDSON, 6, South Wharf, Paddington.

THOMAS FREEN and CO. LIME BURNERS, Wouldham on the Medway. Grey and Chalk Lime supplied by the freight, direct from the kilns, or fresh from their wharfs, via Canal-road, Kingsland road; Queen's Wharf, Great Cambridge-street, Hackney-road; or King's Wharf, New Wharf-road, Battle-bridge, N.B. Laths, Tiles, Chimney-pots, Plaster, Hair, Welch Slates, &c. &c. &c.

BRICKS WANTED.—About 200,000 good sound BRICKS (about half stocks) delivered either at Paddington, Hammersmith Dock, or at Westbourne-grove West, near Notting-hill-gate.—Terms to be sent to Mr. WYATT, Architect, 355, Strand.

BRICKS.—H. DODD is enabled to offer his BRICKS, which are of good quality, at the following low prices; and as his fields are only a quarter of an hour's walk from the City, H. D. earnestly requests purchasers will favour him with a visit, in order to inspect his stock and to judge for themselves:—

Marle cutters	44s.	Per Thousand.
Yellow seconds	40s.	"
Pale seconds	38s.	"
Paviors	45s.	"
Pickings	20s.	"

Delivered within two miles of the fields.
Marle place, half-washed stocks, and place bricks, at equally low prices. These bricks are sound, well burnt, and unusually free from defects; a very large proportion of the stock being suitable for external facing.—Apply to HENRY DODD and CO. at the Planing-house, Horton Brickfields, Grange-walk, near the Rosemary Branch, Horton. N.B.—Red pit sand of approved quality constantly on sale, upon reasonable terms; this sand, from its not containing any saline matter, is acknowledged to be preferable to river sand.

BRICKS.—White Suffolk Facing Bricks, Red Facing Bricks, Hard Clinkers for stable paving, &c. &c. and Moulded Bricks to any pattern, of superior quality, and at reduced prices.—Apply to Messrs. ROBERT WRIGHT and SONS, Brick and Tile Manufactory, Woolpit, Suffolk; or to their Agents W. and S. WRIGHT, Brick and Tile Works, Hanwell, Middlesex.

WHITE SUFFOLK and RED FACING BRICKS of superior quality. Moulded Bricks to any pattern.
COWLEY, KENT, and ESSEX BRICKS; also Yellow and Pale Malm Seconds, Cutters, Paviors, Shippers, &c. &c.
KENTISH RAG STONE of the finest quality, and of the blue lime so much approved by architects, can now be supplied, at a FURTHER and CONSIDERABLE REDUCTION in PRICE.
Apply to Mr. BENJAMIN GOUGH, 27, Newington-crescent, Newington Butts.

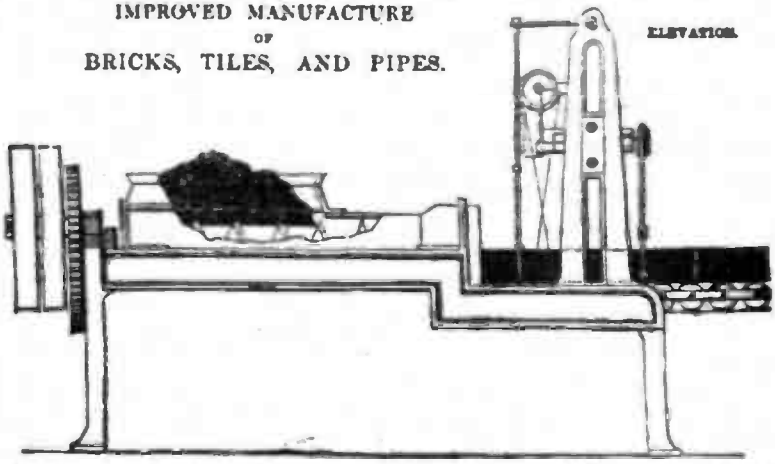
HOOPER'S WHITE BRICKS, moulded for Plinths, Jambs, Chimney-shafts, Wall-copings (at from 4d. to 9d. per foot run); Paving Tiles of different patterns, in white, red, and blue; Fancy Roofing and Ridge Tiles, coloured brown, or for slates; White Rubate Tiles, for facing buildings, &c. sent to all parts of the country direct from the kilns.—Office, 3, Portland-street, Southampton, where samples and illustrated price-lists may be had on application, post-paid.

WHITE BLUNHAM BRICKS and TILES.—These Goods, so justly celebrated for retaining their colour without vegetating, and combining great strength with a fine face, can now be obtained, in London, in various forms and sizes, and in any quantity. The Paving Tiles, Clinkers, Splays, Bullnoses, and Facings are well worth attention. Sole Agents, PHILIP HARE and CO. 33, Steel-yard Wharf, Upper Thames-street.

MINTON and CO.'S ENCAUSTIC and other PATENT TILES for Churches, Entrance Halls, Conservatories, Balconies, &c.; Antique, Geometrical, and Albion Mosaics, manufactures of a highly decorative character and extreme durability. Slabs and Tiles for Fireplaces and Hearths, Copings for Grates, Door Furniture, White Glazed and Ornamental Tiles for Baths, Dairies, and Kitchen Ranges, may be had in great variety at their Warehouse, 9, Albion-place, Blackfriars-bridge, London, and at their Manufactory, Stoke-upon-Trent, Staffordshire.

PAN TILES, 48s.; Plain, 32s. 6d.; superior White Suffolk Facing, Red ditto, Fire Brick, 65s.—Best Stourbridge, Welsh, and Newcastle Fire Bricks, Lumps, Tiles, Clay, Windsor Loam, &c. Gas and other shaped Goods, Windsor and Nonpareil Grate Tiles and Bricks, Dutch and English Clinkers, Patent Malthis and Curtis's fine finely perforated Tiles, 12 in. and 9 in. Paving Bricks, unequalled in quality and colour, at WARD'S old established Stourbridge Wharf, Bankside, Southwark, London. Thames Sand, Coarse, Gravel, &c. &c.

RANDELL AND SAUNDERS'S PATENT MACHINE FOR THE IMPROVED MANUFACTURE OF BRICKS, TILES, AND PIPES.



In this machine are combined the two objects so long sought in brick machines—a press which forces the clay through a die without attention so long as the clay is supplied to the machine, and a perpetual self-acting cutter, which severs the clay the required lengths without interfering with its progress.

The clay, in a rough state, is thrown upon the screws by the person employed to fill the machine; the screws, in revolving, thoroughly pug the clay, and also force it forwards into a chamber at the other end of the cylinder in which they revolve; from this chamber the clay is allowed to issue through a die, and it is obvious that the stream of clay must take the form of the opening through which it passes, and this opening can be made of the form required to make bricks, tiles, pipes, and other descriptions of ware.

When it is necessary to give the ends of the bricks a corrugated shape, this can be done by attaching a knife to the cylinder of the cutter; this knife revolves with the cylinder, and is made the shape required for the ends of the bricks, which form it imparts to the bricks in cutting them. This arrangement is adapted for making Messrs. RANDELL and SAUNDERS's Patent Draining Bricks, for sewage purposes, which make a drain of much greater strength than the stoneware or redware pipes, and at far less cost.

The machine is self-acting—the attendants have merely to put in the clay, and remove the bricks, or other Ware, which may be produced.

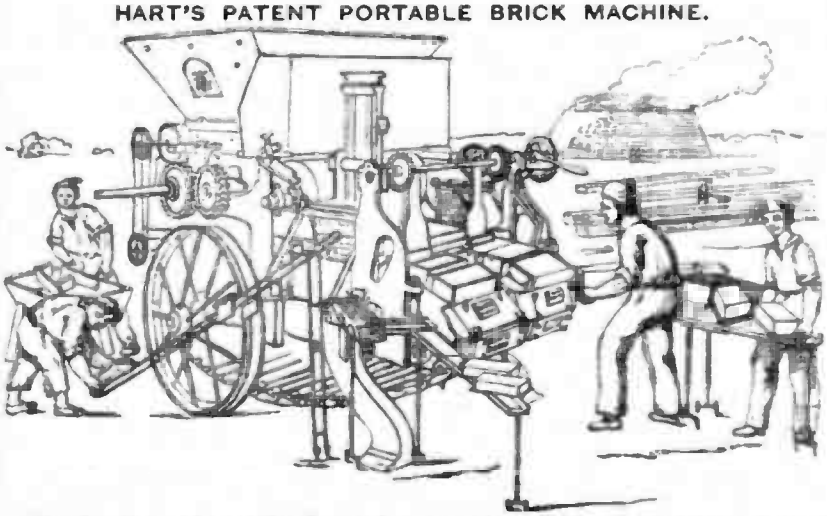
When worked with two-horse power, the machine will produce 1,000 bricks, or 1,200 3-inch pipes, per hour; more power can be applied if desirable, and a larger result obtained.

The screws propel the clay without taking air in with it; thus the ware comes out free from the imperfections which are so often seen in the ware produced by piston presses; and the loss so generally incurred by waste in warping, from the expansion of the air in the ware, is avoided.

The moderate price of this machine, and the simplicity of its construction, place it within the reach of almost every person in the trade, both as to cost and management. It not only lessens the cost of labour required in the process of brick making, but, as the clay can be used in a much drier state than it can be when moulded by the hand, the time occupied in drying is much less; and, when hollow bricks are made, a material saving is effected in the cost of manufacture and burning. In consequence of the great compression given to the clay in its transit, ware of very superior quality is produced.

For price and further particulars apply to RANDELL and SAUNDERS, Bath; CHARLES JOHN CARR and CO. Engineers, Belper, Derby; STOTHERT, RAYNO, and PITT, Engineers, Bath; or to FOWLER and FRY, Engineers, Bristol.

HART'S PATENT PORTABLE BRICK MACHINE.

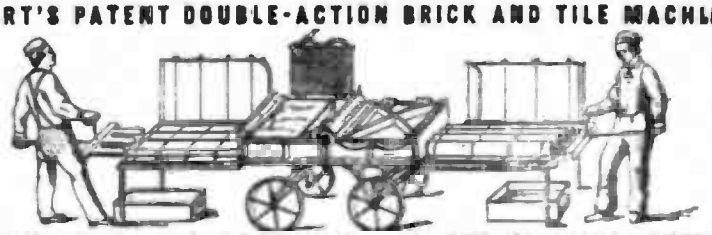


This machine, after many improvements in its details, is now confidently submitted to public notice as the most effective and economical known means of manufacturing solid bricks of a uniformly superior quality. Its advantages over every other machine for attaining the same end have been so unanimously admitted by all who have seen it in operation, that it will only be requisite to draw attention to a few of its characteristic features, to secure a very large share of public patronage.

1st. The same machine grinds the clay and makes the bricks. 2nd. The pressure being equal throughout, the bricks are of uniform density, and superior in quality to hand made bricks. 3rd. The moulds in which the bricks are formed and removed from the machine are made to open; thus the bricks are laid on the pallet-boards without injury to the shape from being handled. 4th. No skilled labour is required, as the machine is entirely self-acting, and requires none but boys to attend to it. 5th. The machine being mounted on wheels, is easily portable to any part of the field. 6th. The quantity made exceeds that by any other manner with an equal amount of power; as it is WARRANTED TO MAKE 20,000 IN TEN HOURS, WITH 8-HORSE POWER, and will continue in working order for years. 7th. The saving resulting from the use of the machine can be shown to exceed 70l. per annum.

PRICE 90l.

HART'S PATENT DOUBLE-ACTION BRICK AND TILE MACHINE.



This machine consists of a worm and toothed wheel, acting on a powerful screw, with a piston at each end; each piston working in the machine, which is capable of containing 2 cwt. of clay at each end.

The machine is entirely of iron, and the construction is so simple, that with ordinary care it will last for years, and WILL BE WARRANTED FOR THREE YEARS. It is mounted on wheels, so as to be readily taken to any part required. The dies are made for tiles and mouldings of any shape and size, for solid or hollow bricks; for pipes of any shape and size up to 6 inches diameter, and with two receiving tables.

N.B.—The dies for Roberts's Patent Hollow Bricks, as exhibited in Prince Albert's Model Cottages in Hyde-park, are manufactured for, and supplied with this machine if required. It is capable of being worked by hand, or may, as well as the Brick Machine, be driven by horse or steam power.

The price of the machine, complete, with two tables, two dies, and one screw, for hand-power	70l.
Ditto, ditto, to be worked by horse-power	80l.
Ditto, ditto, steam-power	90l.

Price of horse-gear to drive one tile machine, 6l.; if to drive two machines, 8l. 10s.; if three, 12l. extra. One horse will drive three machines.

J. H. invites attention to his extensive stock of machinery of every description for brick and tile making, and will furnish full particulars upon application. Steam-engines from four to fifty horse power kept in stock.

ENGINEERING, BOILER MAKING, AND IRONFOUNDRY IN ALL ITS BRANCHES.

MANUFACTORY:—ATLAS IRON WORKS, BOROUGH-ROAD LONDON.

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